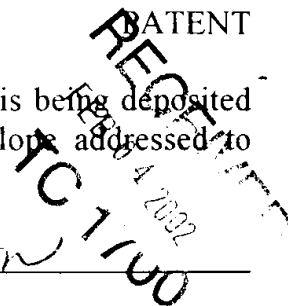


I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231.

November 30, 2001
Date

Kelli J. Endreson
Kelli J. Endreson



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Kyle M. Hanson et al.
Application No. : 09/882,309 Confirmation No.: 7064
Filed : June 14, 2001
For : DIFFUSER WITH A SPIRAL OPENING PATTERN FOR
ELECTROPLATING REACTOR VESSEL

Art Unit : 1741

Docket No. : 29195.8123US1

(Client Ref. No. P99-0023US2)

Date : November 30, 2001

Commissioner for Patents
Washington, DC 20231

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

UNDER 37 C.F.R. § 1.97(c)

Sir:

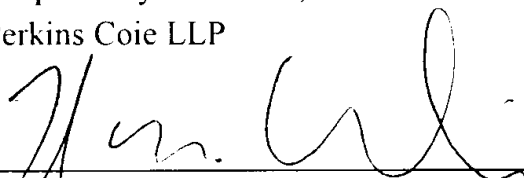
In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, the applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO/SB/08A (a copy of the cited references, as required under 37 C.F.R. § 1.98, is enclosed). Although the aforesaid references is made known to the Patent and Trademark Office in compliance with the applicants' duty to disclose all information they are aware and believe relevant to the examination of the above-identified application, the

applicants believe that their invention is patentable. As to any document supplied, the applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to antedate any such document, as by a showing under 35 C.F.R. § 1.131 or other method.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

Perkins Coie LLP

A handwritten signature in dark ink, appearing to read "John M. Wechkin", is written over a horizontal line.

John M. Wechkin

Registration No. 42,216

JMW:kje

Attachments:

Form PTO/SB/08A

Cited References (14)

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PTO/SB-08A

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A-PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Sheet <u>1</u> of <u>2</u>					COMPLETE IF KNOWN			
					Application Number	09/882,309		
					Filing Date	June 14, 2001		
					First Named Inventor	Kyle M. Hanson et al.		
					Group Art Unit	1741		
Examiner Name	Unknown							
Attorney Docket No.	29195.8123US1							
U.S. PATENT DOCUMENTS								
EXAMINER INITIALS	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		NUMBER	Kind Code (if known)					
	AA	4,304,641		Grandia et al.	12/08/81			
	AB	4,113,577		Ross et al.	09/12/78			
	AC	4,469,566		Wray	09/04/84			
	AD	5,169,408		Biggerstaff et al.	12/08/92			
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	AI	5,985,126		Bleck et al.	11/16/99			
	AJ	6,001,235		Arken et al.	12/14/99			
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EXAMINER INITIALS	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T	
		Office	Number Kind Code (if known)					
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	AP	BUEHLER SIMPLEMET 2000; FN00682 and FN00935; © 1990, 1995 Buehler Ltd.; 5 pages.						
	AQ							
	AR							
EXAMINER					DATE CONSIDERED			
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				Application Number	09/882,309
				Filing Date	June 14, 2001
				First Named Inventor	Kyle M. Hanson et al.
				Group Art Unit	1741
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket No.	29195.8123US1

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
	AA	6,080,288		Schwartz et al.	06/27/00	
	AB	6,103,085		Woo et al.	08/15/00	
	AC	6,228,232		Woodruff et al.	05/08/01	
	AD					
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		Office	Number	Kind Code (if known)				
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